

SDMS US EPA REGION V -1

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DOCUMENTS.**

D A I L Y

DATE: January 30, 1987

F I E L D

TIME: 0715 to 1245

R E P O R TPLACE: Cerro Copper Plant Site
Sauget, Illinois

WEATHER: Cloudy, 30s

PROJECT: JOB 10224A
CERRO COPPER
IEPA RI/FS OVERSIGHTDISTRIBUTION:S. Silverstein, Cerro (2 copies)
JBC/LJO/ED 10224-1.3PERSONNEL ON SITE:

<u>Name</u>	<u>Affiliation</u>	<u>Hrs.</u>
Dave Guyan	Sverdrup	5.5
Dan Sewall	Ecology & Environment (E&E)	5.5
Tim Maley	Ecology & Environment (E&E)	5.5
Jerry Hamman	Fox Drilling	5.5
Robbie Crachity	Fox Drilling	5.5
Henry Colligan	Driller's Union Official	5.5

FIELD WORK SUMMARY:

1. Dave Guyan, Jerry Hamman and Robbie Crachity arrived at Cerro Copper's Guard House at 0715. Dan Sewall, Tim Maley, and Henry Colligan arrived on site at 0730. Drillers began steam cleaning augers and equipment to prepare for the days work.
2. Steam cleaning completed at 0830 and crew moved to new location. This location was numbered soil boring I-5, monitor well EE-14 and was situated just east of railroad spur approximately 100' north of the main Cerro Plant Road. Crew members wore Level C protective clothing. Drillers took initial split-spoon sample at 0850 from depth 0-1.5'.
3. Field crew responsibilities:

J. Hamman - lead driller, R. Crachity - driller's assistant, H. Colligan - decontaminate split-spoon, T. Maley - collect and log samples, D. Sewall - monitor with HNU photoionizing detector.
4. Sampling down to 30.0' at 1000. D. Sewall departed site to deliver samples to R. Bock at Metro Field Office. Bock will then use an Organic Vapor Analyzer (OVA) to screen samples.
5. Drilling completed to a 36.0' depth. Hole collapsed so drillers pumped water down the hole to remove debris. Water was recircu-

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lated to surface and contained in a trough. (Recirculated water was later transferred to a 55-gallon drum for storage onsite.) Crew began adding stainless steel screen at 36.0' - 31.0' and riser to 2.0' above grade. Sand was added to 2.0' above well screen (depth 36.0' - 29.0'). D. Sewall returned to site at 1030.

6. Drillers completed bentonite seal to a 27.0' depth at 1100. A tremie line was used to pump grout down the hole. R. Crachity wore a full-face respirator to shovel cuttings into a 55-gallon drum. A locking well cover was then placed over the well.
7. All personnel departed site for the day at 1240. D. Guyan went to Metro Field Office to receive Cerro's split samples. E&E relinquished chain-of-custody record (see Attachment B) and samples to D. Guyan.
8. D. Guyan arrived at Sverdrup Corporation's office at 1310 and prepared samples for shipment. Samples were taken to Greyhound package express office for delivery to Daily Analytical Laboratories (Peoria, IL).
9. D. Guyan took 28 pictures of the field work.

Attachments

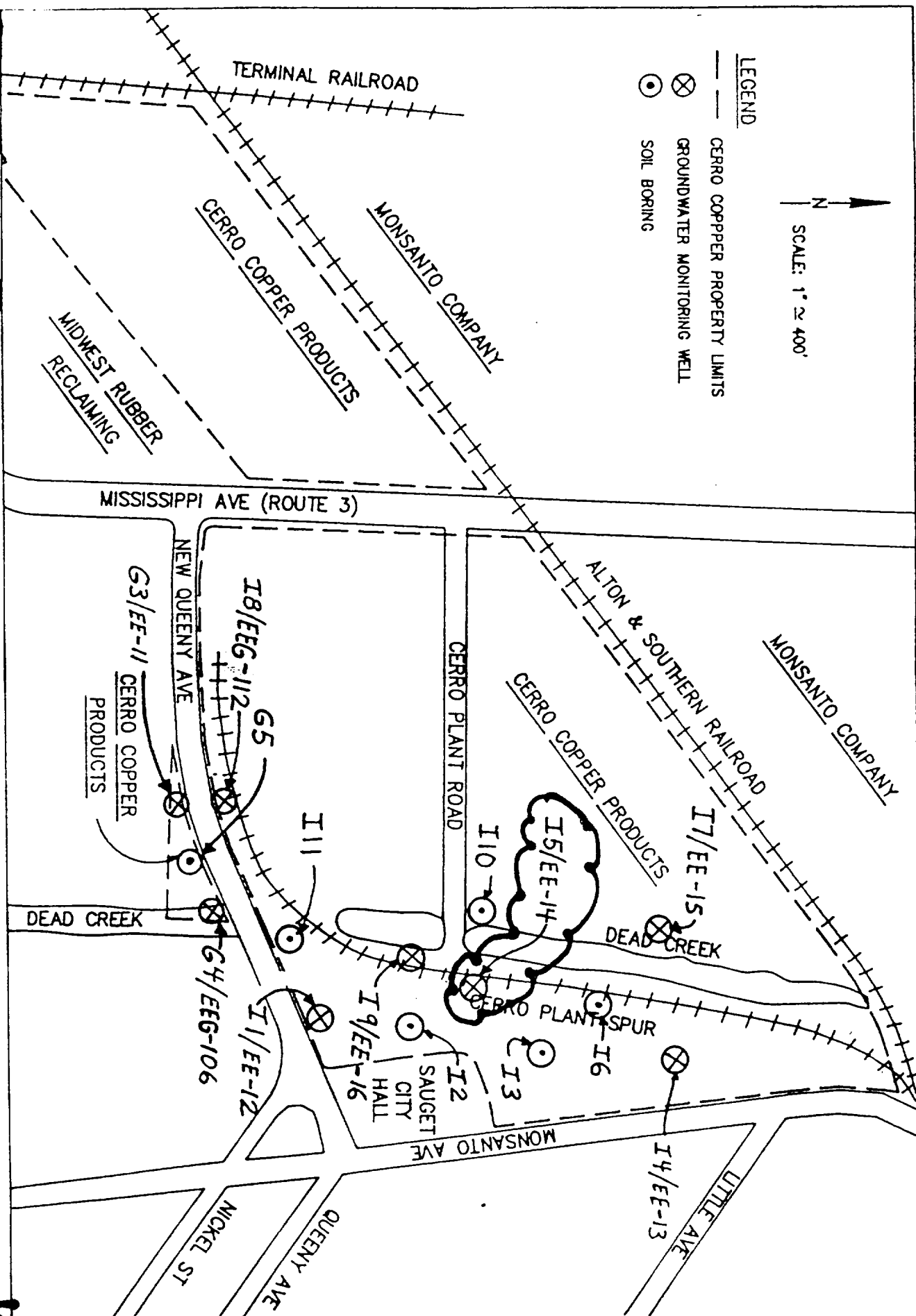

Sverdrup Corporation

N
SCALE: 1" = 400'

LEGEND
 --- CERRO COPPER PROPERTY LIMITS
 ⊗ GROUNDWATER MONITORING WELL
 ⊙ SOIL BORING

NOTE: NUMBERING LEGEND:
 BORING HOLE ID / WELL ID

SITE MAP AND E & E WORK AREAS



ATTACHMENT

1A

CHAIN-OF-CUSTODY, RECORD / RECEIPT FOR SPLIT SAMPLES

[illegible]

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files
*See CONCENTRATION RANGE on back of form.

